PTO/SB/01 (8-96) Please type a plus sign (+) inside this box -> ___ Approved for use through 9/30/98, OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Attorney Docket Number IU33CIP-3 POT/US First Named Invent r **DECLARATION FOR** WILLIAMS, David A. COMPLETE IF KNOWN UTILITY OR DESIGN Application Number PATENT APPLICATION Filing Date **Group Art Unit** Declaration OR r Declaration Submitted after Submitted with Initial Filing Initial Filing **Examiner Name** unsigned As a below named inventor, I hereby declare that: My residence, post office address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled : METHODS FOR ENHANCED VIRUS-MEDIATED DNA TRANSFER USING MOLECULES WITH VIRUS- AND CELL-BINDING DOMAINS (Title of the Invention) the specification of which is attached hereto OR as United States Application Number or PCT International was filed on (MM/DDYYYY) 09/30/1996 and was amended on (MM/DD/YYYY) (if applicable). US96/15712 10/14 Application Number I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above. 1 acknowledge the duty to disclose information which is material to patentability as defined in Tale 37 Code of Federal Regulations, §1.56. I hereby claim foreign priority benefits under Title 35. United States Code \$119 (a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed. Certified Copy Attached? Priority Foreign Filing Date Prior Foreign Application Country Not Claimed (MM/DD/YYYY) Number(s) 09/30/1996 us PCT/US96/15712 Additional foreign application numbers are listed on a supplemental priority sheet attached hereto: I hereby claim the benefit under Tale 35, United States Code § 119(e) of any United States provisional application(s) listed below. Application Number(s) Filing Date (MM/DD/YYYY) Additional provisional application numbers are listed 00/19/1996 60/024.169 supplemental priority sheet attached hereto.

[Page 1 of 5]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case, Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED. FORMS TO THIS ADDRESS, SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.

Please type a plus sign (+) inside this box -> +

(

PTC/SB/01 (8-95)

Approved for use through 9/30/98. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION

I hereby claim the benefit under Title 35, United States Code §120 of any United States application(s), or §365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code §112, I prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code §112, I prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code §112, I prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code §112, I prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code §112, I prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code §112, I prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code §112, I prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code §112, I prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code §112, I prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code §112, I prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code §112, I prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code §112, I prior United States or PCT International application in the United Sta

U.S. Parent Application Number	per Parent PCT Parent Number				Parent Filing Date (MM/DD/YYYY)			Parent Patent Number (if applicable)			
00/024,169	69		10		59 la	19/19/1996					
7	PCT/US4	96 15	7/2	- 4	09/3	0/19	96				
Additional U.S. or PCT international a			ted o	2 2 2 2 2 2 2	-mental r	riority sh	eet attached	l hereto			
Additional U.S. or PCT international as a named inventor, I hereby appoint the and Trademark Office connected therewill	following regit	stered prac	tlione	r(s) to pro	secute (ris applic	ation and to	transac	t all bus	siness in the	Patent
Name		Registratio Number				Name					gistration lumber
Kenneth A. Gandy	#33,38		86								
Additional registered practitioner	(s) named or	a supple	ment	al sheet	attache	d hereto					
irect all correspondence to:											
Name Kenneth A. Gar	ndy at V	JOODA]	RD,	EMHA	RDT,	NAUG	HTON,	MORI	ARTY	Z & MCN	FTT
Address Bank One Cent	er/Towe	r, Su	ite	3700							
Address 111 Monument	Circle							—		1	
Indianapolis					State	I	ndiana			46204	
Zity I I I I I I I I I I I I I I I I I I I					Juice			1	217	627 75	61
ally.	Tele	phone	ىدل	7-63	4 3/4	6	Fa	^		-637-75	
Country US hereby declare that all statements made to true; and further that these statements in prisonment, or both, under Section 100 to application or any patent issued there	herein of my o were made w of Title 18 c on.	wn knowl	edge a	re true ar	4 = 34° nd that all liful (also and that	statemen statemen such will	nts made on its and the li ful false stat	informa ike so n	nion an nade an may je	id belief are e punishable eopardize the	be lieved to by fine of validity of
country US hereby declare that all statements made true; and further that these statements pprisonment, or both, under Section 100 te application or any patent issued there lame of Sole or First Inventor	herein of my o were made w of Title 18 c on.	own knowle with the knowle of the Unite	edge a	re true ar e that wi les Code	4 - 34 cand that all ifut (also and that	statemen statemen such will tion has	nts made on its and the li ful false stat been filed	informa ike so n	nion an nade an may je	d belief are e punishable copardize the ned invento	be lieved to by fine of validity of
Country US hereby declare that all statements made e true; and further that these statements reprisonment, or both, under Section 100 to application or any patent issued there Name of Sole or First Inventor liven	herein of my o were made w of Title 18 c on.	wn knowl	edge a	e true ar e that wi les Code	4 - 34 cand that all ifut (also and that	statemen statemen such will	nts made on its and the li ful false stat been filed	informa ike so n	nion an nade an may je	id belief are e punishable eopardize the	be lieved to by fine of validity of
Country US hereby declare that all statements made true; and further that these statements mprisonment, or both, under Section 100 he application or any patent issued there Name of Sole or First Inventor Siven	herein of my of were made with of Title 18 con.	with the knowledge of the United Middle Initial	edge a owledge ed Stat	e that will es Code	4 - 34 cand that all ifut (also and that	statemen statemen such will tion has	nts made on its and the li ful false stat been filed	informa ike so n	unsigi	d belief are e punishable copardize the ned invento	believed to by fine o validity o
Country US hereby declare that all statements made e true; and further that these statements reprisonment, or both, under Section 100 he application or any patent issued there warme of Sole or First Inventor lame David	herein of my of were made with of Title 18 con.	Middle Initial	edge a pwledged State	e that will es Code	4 - 34 di that all lifut (also and that	statemen statemen such wäh ion has	nts made on its and the li ful false stat been filed	informatike so nements	unsign	d belief are e punishable copardize the ned invento Suffix e.g. Jr.	pelieved to by fine conversely co
Country US hereby declare that all statements made true; and further that these statements imprisonment, or both, under Section 100 to application or any patent issued there warme of Sole or First Inventor lame David David David	herein of my of were made with of Title 18 con.	with the knowledge of the United Middle Initial	edge a pwledged State	e true ar e that wi les Code Family Name	4-345 dithat all fill (also and that	statemen statemen such wäh ion has	nts made on its and the li ful false stat been filed	informatike so nements	unsign	d belief are to punishable to pardize the med inventor surfix e.g. Jr.	pelieved to by fine conversely co
Country US Hereby declare that all statements made true; and further that these statements in prisonment, or both, under Section 100 to application or any patent issued there warme of Sole or First Inventor liven lame David Declared the statements are the statements are the statements are the statement of Sole or First Inventor liven lame David Declared the statements made to the statements are the statement of Sole or First Inventor liven lame David Declared that all statements made to the statements are the statements and the statements are the sta	herein of my of were made with of Title 18 con. is were made with of Title 18 con.	Middle Initial State	A IN	Family Name	4-345 dithat all fill (also and that	statemen statemen such wäh ion has	nts made on its and the li ful false stat been filed	informatike so nements	unsign	d belief are to punishable to pardize the med inventor surfix e.g. Jr.	believed to by fine of validity of
Country US hereby declare that all statements made e true; and further that these statements in prisonment, or both, under Section 100 to application or any patent issued there warme of Sole or First Inventor lame David Inventor's lignature Lesidence: City Indianapoliticst Office Address 8751 N. N.	herein of my of were made with of Title 18 con. is were made with of Title 18 con.	Middle initial State ad I an a	A A IN	Family Name	4 345 ad that all ifut false and that A petit Wi US	statemen statemen such wäh ion has	nts made on its and the li ful false stat been filed	informatike so nements	unsign	d belief are to punishable to pardize the med inventor surfix e.g. Jr.	pelioved to by fine of validity of

Please type a plus sign (+) inside this box -> +

REGISTERED PRACTITIONER INFORMATION (Supplem ntal Sheet)

DECLARATION

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a

Name	Registration Number	Name	Registration Number		
Harold R. Woodard	16,214				
C. David Emhardt	18,483				
Joseph A. Naughton, Jr.	19,814				
John V. Moriarty	26,207				
John C. McNett	25,533				
Thomas Q. Henry	28,309	• •	1		
James M. Durlacher	28,840		1		
Charles R. Reeves	28,750				
Vincent O. Wagner	29,596		1		
Steve Zlatos	30,123				
Spiro Bereveskos	30,821				
William F. Bahret	31,087				
Clifford W. Browning	32,201				
R. Randall Frisk	32,221	•			
Daniel J. Lueders	32,581				
an III a Combin	33,386				
Kenneth A. Gandy	35,714		1 1		
Timothy N. Thomas	37,237		ļ. l		
Kerry P. Sisselman	37,996				
Kurt N. Jones	39,088		i		
John H. Allie	39,000				
Holiday W. Banta	40,311				
Troy J. Cole	35,102				
L. Scott Paynter	39,797				
J. Andrew Lowes	40,706				
Darrin Wesley Harris	40,636				
Matthew R. Schantz	40,800		į į		
Gregory B. Coy	40,967		1 .		
Lisa A. Hiday	40,036		1		
John V. Daniluck	40,581				
Christopher A. Brown	P41,642		• •		
Charles J. Meyer	P41,996	•			
A.J. Usher, IV	41,359				
James L. Rowe	18,448				
James 1. Nowe	,		}		
			1		
	[
-					

812 855 0558;

PCT

GENERAL POWER OF ATTORNEY
(for several international applications filed under the Patent Cooperation Treaty)

(PCT Rule 90.5)

The undersigned person(s):

KOON, Walter L., Jr.
INDIANA UNIVERSITY FOUNDATION
Showalter House, P.O. Box 500
Bloomington, Indiana 47404 47402 WK
United States of America

hereby appoints the following person as:

X agent ____ common representative

Name and Address:

GANDY, Kenneth A. Woodard, Emhardt, Naughton, Moriarty & McNett Bank One Center/Tower, Suite 3700 111 Monument Circle Indianapolis, Indiana 46204 United States of America

(continued on supplemental page 2)

to represent the undersigned before

x all the competent International Authorities

____ the International Searching Authority only

____ the International Preliminary Examining Authority only

in connection with any and all international applications filed by the undersigned with the following Office

United States Patent and Trademark Office as Receiving Office and to make or receive payments on behalf of the undersigned.

Signature(s):

INDIANA UNIVERSITY FOUNDATION

Walter L. Koon, Jr.

Senior Vice President of Investments

Date: 01-Ben 1996

9048i

PATENT COOPERATION TREATY

Appointment of Agent or Common Representative

The undersigned applicant, David A. WILLIAMS, hereby appoints Harold R. Woodard, No. 16,214; C. David Emhardt, No. 18,483; Joseph A. Naughton, Jr., No. 19,814; John V. Moriarty, No. 26,207; John C. McNett, No. 25,533; Thomas Q. Henry, No. 28,309; James M. Durlacher, No. 28,840; Charles R. Reeves, No. 28,750; Vincent O. Wagner, No. 29,596; Steve Zlatos, No. 30,123; Spiro Bereveskos, No. 30,821; William F. Bahret, No. 31,087; Clifford W. Browning, No. 32,201; R. Randall Frisk, No. 32,221; Daniel J. Lueders, No. 32,581; Michael D. Beck, No. 32,722, Kenneth A. Gandy, No. 33,386; Timothy N. Thomas, No. 35,714; Kerry P. Sisselman, No. 37,237; Kurt N. Jones, No. 37,996; John H. Allie, No. 39,088; Jeffrey A. Michael, No. 37,394; Deborah R. Knoll, No. 37,370; Holiday W. Banta, No. 40,311; Troy J. Cole, No. 35,102; L. Scott Paynter, No. 39,797; Lisa H. Johnston, No. 40,036 and James L. Rowe, No. 18,448, all of the same address and who are members of the Bar of the State of Indiana, constituting the firm of Woodard, Emhardt, Naughton, Moriarty & McNett, Bank One Center/Tower, Suite 3700, 111 Monument Circle, Indianapolis, Indiana 46204 United States of America

[X] as agent [] as common representative

to act on his behalf before the competent International Authorities in connection with the international application concerning METHODS FOR ENHANCED VIRUS-MEDIATED DNA TRANSFÉR USING MOLECULES WITH VIRUS- AND CELL-BINDING DOMAINS, Agent's File Reference IU33CIP-3PCT, International Application Number unknown at this time, filed with the United States receiving office and to receive payments on his behalf.

(Place) Bloomington,	Indiana USA	(Date) 10/21/96
() <u> </u>		

Name: David A. WILLIAMS

Supplemental Page 2 to Power of Attorney

WOODARD, Harold R.; EMHARDT, C. David; NAUGHTON, Joseph A., Jr.; MORIARTY, John V.; McNETT, John C.; HENRY, Thomas Q.; DURLACHER, James M.; REEVES, Charles R.; WAGNER, Vincent O.; ZLATOS, Steve; BEREVESKOS, Spiro; BAHRET, William F.; BROWNING, Clifford W.; FRISK, R. Randall; LUEDERS, Daniel J.; GANDY, Kenneth A.; THOMAS, Timothy N.; SISSELMAN, Kerry P.; JONES, Kurt N.; ALLIB, John H.; MICHAEL, Jeffrey A.; KNOLL, Deborah R.; COLE, Troy J.; and ROWE, James L., all of Woodard, Emhardt, Naughton, Moriarty & McNett, Bank One Center/Tower, Suite 3700, 111 Monument Circle, Indianapolis, Indiana 46204 United States of America